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A diagram of a sag vertical curve. A solid line represents the 'PROFILE GRADE' and a dashed line represents the 'SURFACING'. The surfacing dips below the profile grade in the center. The central dip is labeled 'SAG'. The two upward-sloping sections of the surfacing are each labeled '3%' with arrows indicating the slope.

MEDIAN WIDTHS 10.8 m TO 22.8 m

The diagram illustrates a road intersection with the following dimensions and features:

- Approach Road (Left):** A 3-lane road with a total width of 10.2 m. The lane widths are 3.4 m, 3.4 m, and 3.4 m.
- Approach Road (Right):** A 3-lane road with a total width of 10.2 m. The lane widths are 3.4 m, 3.4 m, and 3.4 m.
- Intersection Area:** The intersection is defined by a 6.0 m wide area. The radii of the intersection are 19.5 m (R MIN.) and 30.0 m (R MIN.).
- Angles:** The angle of the intersection is 30°.
- Dimensions:** The intersection width is 6.0 m. The approach road width is 10.2 m. The intersection area is 8.4 m wide. The intersection area is 7.5 m wide.

NOTES:

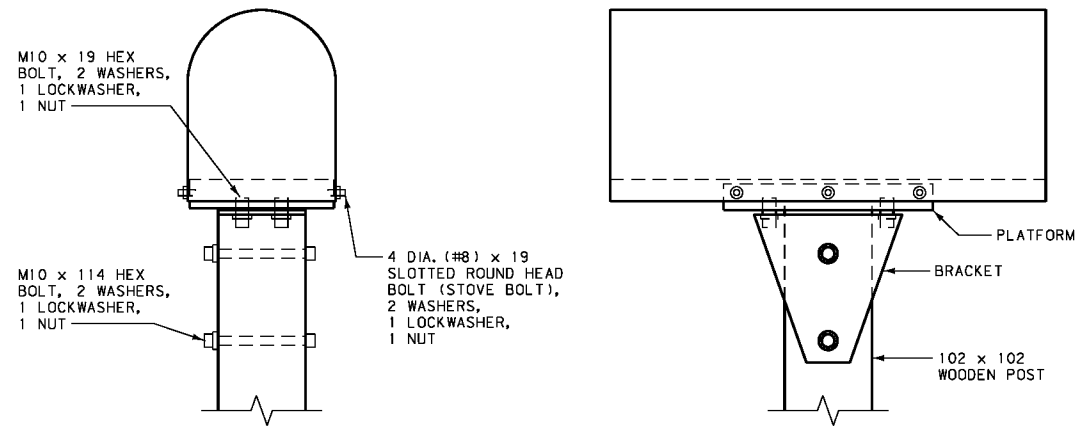
NARROW MEDIANS, MEDIAN WIDTHS GREATER THAN 22.8 m,
AND INDEPENDENT ROADWAYS REQUIRE SPECIAL DESIGN.

GRADES: UNIFORM BETWEEN INSIDE SHOULDERS OF MAIN
TRAVELED WAY EXCEPT FOR SPECIAL DESIGN.

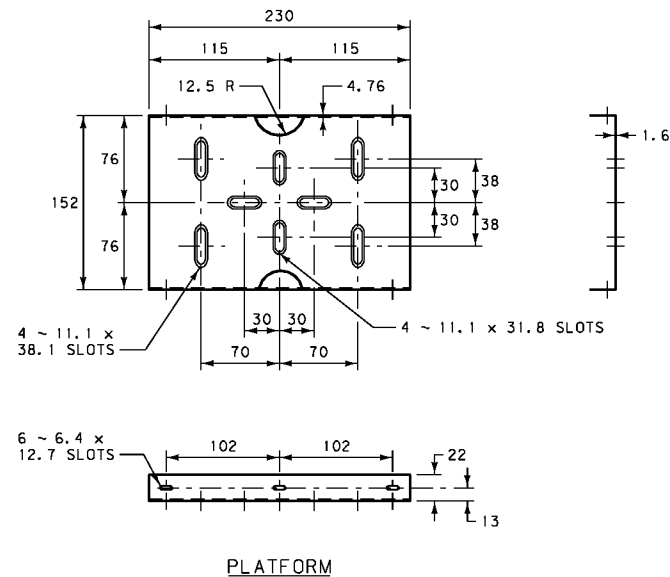
SURFACING: SEE PLANS FOR QUANTITIES.

DRAINAGE: USE 450 mm OR 600 mm CULVERTS IF REQUIRED.

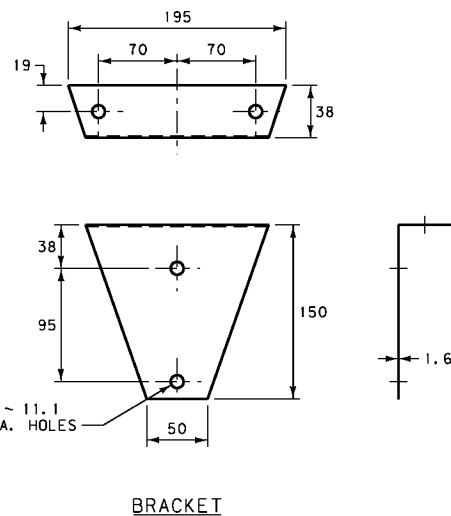
 MONTANA DEPARTMENT
OF TRANSPORTATION



SINGLE MAILBOX ASSEMBLY *



PLATFORM



BRACKET

NOTES:

GALVANIZE ALL MATERIALS PER AASHTO M 111.

STAKE MAILBOX LOCATIONS BEFORE INSTALLATION FOR PROPER HEIGHT AND DISTANCE FROM THE ROADWAY. ONCE STAKED, NOTIFY THE ENGINEER AND THE POST OFFICE. THE ENGINEER AND POSTMASTER/MAILCARRIER ARE ALLOWED 48 HOURS TO REVIEW AND MODIFY THE STAKED LOCATIONS PRIOR TO FINAL INSTALLATION.

* OTHER CRASH TESTED MAILBOX SUPPORTS AND ASSEMBLIES MAY ALSO BE USED.

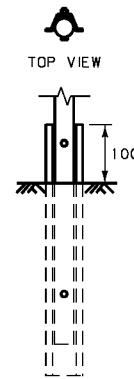
LOCATE THE MAILBOX 0.2 TO 0.3 METERS OUTSIDE THE EDGE OF THE SHOULDER OR 0.15 TO 0.3 METERS FROM THE FACE OF CURB.

USE MAILBOXES MEETING THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

SEE "A GUIDE TO MAILBOX SAFETY IN MONTANA", 1996 EDITION, FOR ADDITIONAL INFORMATION.

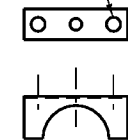
ALL DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

DETAILED DRAWING	
REFERENCE	DWG. NO.
STANDARD SPEC.	900-05
SECTION	
MAILBOX DETAIL	
EFFECTIVE: AUGUST 1999	
MONTANA DEPARTMENT OF TRANSPORTATION	

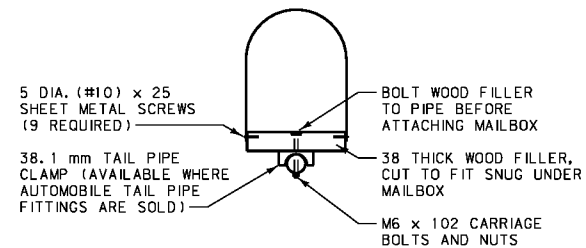


PIPE/POST CONNECTION
ROADWAY VIEW

DRILL 7.9 DIA.
HOLES FOR M6
CARRIAGE BOLTS



TAIL PIPE CLAMP



SECTION A-A

NOTES:

GALVANIZE ALL MATERIALS PER AASHTO M 111.

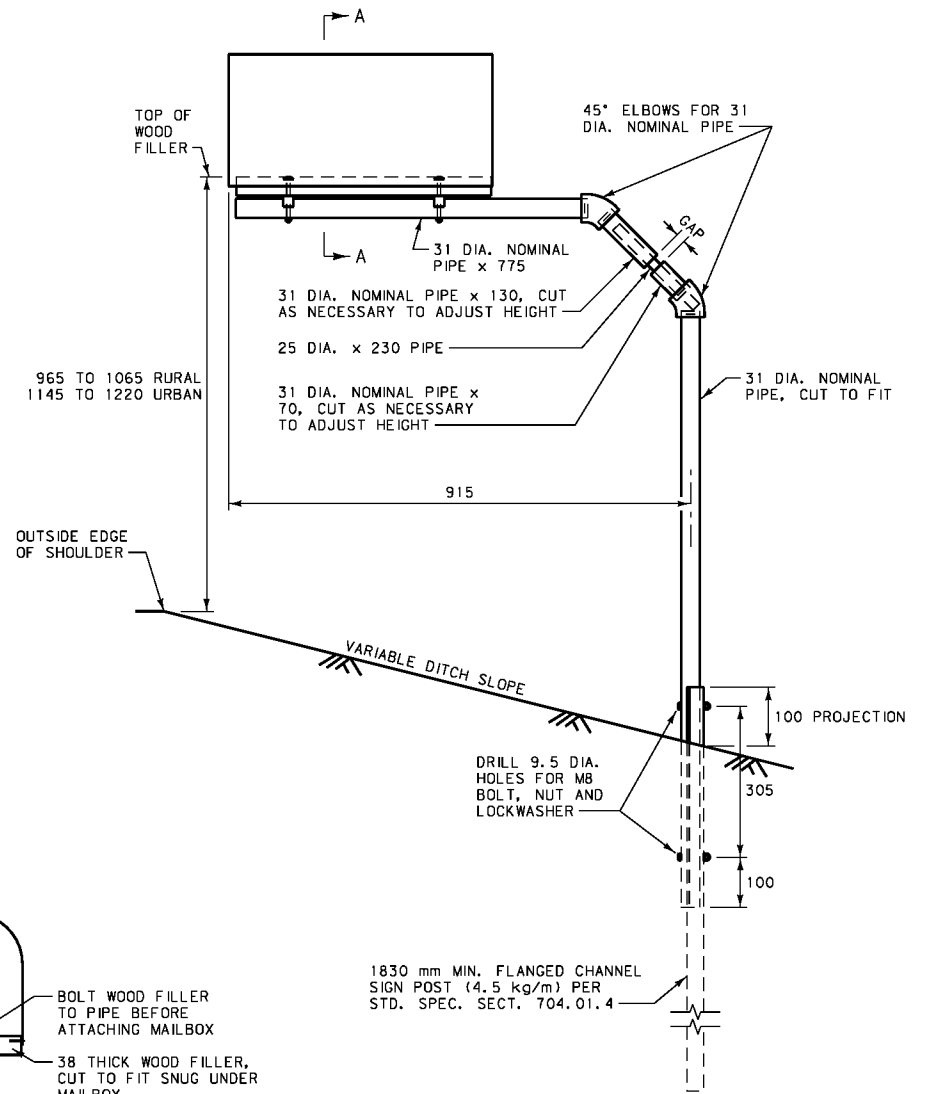
STAKE MAILBOX LOCATIONS BEFORE INSTALLATION FOR PROPER HEIGHT AND DISTANCE FROM THE ROADWAY. ONCE STAKED, NOTIFY THE ENGINEER AND THE POST OFFICE. THE ENGINEER AND POSTMASTER/MAILCARRIER ARE ALLOWED 48 HOURS TO REVIEW AND MODIFY THE STAKED LOCATIONS PRIOR TO FINAL INSTALLATION.

OTHER CRASH TESTED MAILBOX SUPPORTS AND ASSEMBLIES MAY ALSO BE USED.

LOCATE THE MAILBOX 0.2 TO 0.3 METERS OUTSIDE THE EDGE OF THE SHOULDER OR 0.15 TO 0.3 METERS FROM THE FACE OF CURB.

USE MAILBOXES MEETING THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

SEE "A GUIDE TO MAILBOX SAFETY IN MONTANA", 1996 EDITION, FOR ADDITIONAL INFORMATION.



MAILBOX SUPPORT
STEEL PIPE WITH FITTINGS AND STEEL FENCE POST

ALL DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

DETAILED DRAWING	
REFERENCE	DWG. NO.
STANDARD SPEC.	900-10
SECTION	
OPTIONAL MAILBOX DETAIL	
EFFECTIVE: AUGUST 1999	
MONTANA DEPARTMENT OF TRANSPORTATION	